

**A multi-layered film preparation**

Patent Number: ☐ EP0781546, B1  
Publication date: 1997-07-02  
Inventor(s): SATO YUJI (JP); TOMIYA NOBORU (JP); NAGAO YOSHIYUKI (JP); SUGIMOTO MANABU (JP); USAMI MAKOTO (JP); YAMAMURA KEIKO (JP)  
Applicant(s):: SANWA KAGAKU KENKYUSHO CO (JP)  
Requested Patent: ☐ JP9235220  
Application Number: EP19960120926 19961227  
Priority Number (s): JP19950338728 19951226; JP19960335468 19961216  
IPC Classification: A61K9/00  
EC Classification: A61K9/00M18D  
Equivalents: DE69611978D, DE69611978T, JP2791317B2, ☐ US5914118

---

**Abstract**

---

A multi-layered film preparation has a drug containing layer which contains a water-soluble high molecular weight substance as a main base material, has on one surface thereof a layer difficult to dissolve in water, and carries on the other surface an adhesive substance or contains therein the adhesive substance in a dispersed state. The film preparation is easy in handling thereof and shows good adhesiveness to the mucous membrane in the oral cavity, even if it has been remarkably moisted, and gives no bad feeling in use.

---

Data supplied from the esp@cenet database - I2